

LONG NEGLECTED GUAJAYLE SHRUB  
ADDS MILLIONS OF MEXICAN WEALTHRubber Exports for the  
Year From Republic Ex-  
ceed Twenty-six Million  
Pesos.

Mexico City, Nov. 19.—The guajayle shrub, neglected for centuries and often destroyed as worthless, now ranks as one of Mexico's important sources of wealth. In the last fiscal year the rubber exported by Mexico had a value of 16,769,968 pesos, and by far the greater part of this was the product of the guajayle shrub. In addition, guajayle shrubs to the value of 8,468,121 pesos were shipped out of the country for treatment elsewhere. The total value of rubber exports, 26,238,089 pesos was over 10 percent of the total value of export products in the fiscal year.

These figures are given in a statement covering Mexico's foreign commerce in the 12 months from July 1, 1909, to June 30, 1910. This statement is in detail, and will only recently be issued. It shows, among other things, that the balance of trade between Mexico and the United States is in favor of this republic.

**Total Exports and Imports.**  
In the fiscal year Mexico's exports to the United States had a value of 196,578,635.52 pesos, or 75.74 percent of the total exports, while the imports from the United States amounted to only 112,878,862 pesos, or 57.93 percent of the total imports. The imports from all countries had a value of 194,857,847 pesos, and the exports to all nations a value of 260,065,226 pesos.

As always, mineral products formed the bulk of Mexico's exports, the total for the year reaching 156,520,918 pesos. Vegetable products ranked

next with a total of 37,724,805 pesos; animal products, 29,104,185; manufactured products, 3,536,531; and miscellaneous, 2,169,727. Mexico sold henequen, or sisal hemp, to the value of 22,096,232 pesos, the greater part of it going to the United States. Coffee sales amounted to 8,006,833 pesos, and chicle, or crude chewing gum, to the value of 3,409,567 pesos was shipped to the United States. Hides and skins and livestock exports reached a value of 5,713,495 pesos. Mexico sold sugar to the value of 1,462,845 pesos, practically all of it going to England. The value of the guajayle shrub exports, referred to previously, were double those of the preceding fiscal year.

**Imports Much Foodstuffs.**  
Attention is called to the limited agricultural development in Mexico by figures showing imports of foodstuffs worth 19,735,775 pesos. The imports of structural and industrial materials and manufactured articles of iron and steel totaled in value 27,731,185 pesos, and the total value of machinery and apparatus was 20,947,168 pesos. Mexico's liquor bill was 6,552,815 pesos, and the footwear account for the year reached 3,207,508 pesos. Imports of textiles and textile products amounted to 20,213,674 pesos.

It is interesting to note that while Germany's purchases from Mexico represented only 3.5 percent of the total exports of this country, the sales made by Germans to Mexico amounted to 10.35 percent of the total imports. France took 4.72 percent of the republic's exports and sold 8.38 percent of the year's imports. The percentage of Great Britain's purchases from Mexico was 19.37, and that of Great Britain's sales 11.42.

The increase in Mexico's imports in 1909-1910, as compared with the preceding year, was 24.48 percent, and the increase in exports was 12.53 percent.

CARLSBAD WISHES  
CHANGE IN NAMEPetitions Sent to Washing-  
ton Asking for Change  
to Carlsbad Springs.

Carlsbad, N. M., Nov. 19.—A petition was circulated and signed by a majority of the business men this week asking the postoffice department to sanction the changing the name of Carlsbad to Carlsbad Springs. The change is inspired by the belief that many people will thus be informed of the springs and their wonderful curative powers, and from which the town gets its name, who would otherwise never know of the springs existence. The petition has been forwarded to the department.

J. D. Christopher, formerly sheriff of Eddy county, and who for a number of years made his home in Carlsbad, died at his home in Artesia, and was buried at that place under the ritual of the Odd Fellows lodge, of which he was a member. He was a resident of the Pecos valley for many years and had many friends throughout the entire southwest. He leaves a wife and two small children.

Two hunting parties returned to their homes in this city this week from the mountains east of town, where they have been after deer. One party was composed of Messrs. W. R. Owen, Capt. W. H. Matthews, George Beck, et al., J. F. Butler and C. L. Swan, were in the Guadalupe mountains. They returned with two deer. The other party was composed of deputy sheriff Roy Walker, Messrs. V. R. Allen and A. C. Genbom and son, Gary, and Homer Shelby of Carlsbad, and Dr. W. L. Hig-Wilder, of Lakewood. They brought back four deer from the Sacramento mountains.

W. H. Merchant, treasurer of Eddy county, has returned from Abilene, where he was called by the illness of his father, Col. C. W. Merchant.

Dr. W. H. Matthews has returned to his home in Brooklyn, N. Y., after a week's visit with his brother, mayor C. H. McLeathen.

A hunting party composed of R. L. Slaughter and son, R. S. Slaughter, J. T. Teller, J. B. T. Holman and F. P. Gary of Big Springs, Texas, and

BUNQUEMERE MINE  
MEXICAN MINE  
CUTS COSTAll Work in Pilaes Copper  
Mine Is Done by  
Contract.

"The Pilaes copper mine, of the Mocituma Copper company, located about six miles from Nogales, Sonora, Mex.," said George Ginter, who has been employed there for the past few months, "is the biggest single low grade copper deposit in the world and the lowest scale of costs of any mine in the world. Their system is different than in any mine I have ever seen or heard of."

The Porvenir tunnel as shown by a tablet at its entrance was started in 1888, and is of great length, 700 feet below the surface, and from this the ore is hauled to the concentrating mill.

The mining methods are unique. The work is all done under contract system. The hand drillers get one peso for each nine feet of drilling, which means six feet, as they get a bonus. In addition to the drilling bonus the hand drillers get a bonus for shooting the holes. The puntista loads the hole with powder at the company's expense and also breaks down the loose rock and cleans off the surface for the drillers. The driller shoots the holes.

The mucking is also done by contract, the mucker getting 15 cents per car if the work is shoveling and 20 cents if it is wheeling into the chutes up 30 to 40 feet. Eight wheelbarrows of ore is counted as a car.

**Rayadores Keep Tab.**  
The company furnishes "rayadores" who keep tab on the work of the muckers, making it a specialty, and the rayadores are selected from men of a different nationality than the mucker.

There is very little timbering employed in this mine, and the filling in of the waste economically is an item of great importance in the mine. In this, also, the company employs the contract system.

The company has no trouble in breaking in Chinese and Japs, especially Japs, as machine drillers. The Japs are far more intelligent and superior in this line. But the Mexican is far the best as a hand driller.

The Rosario Mining company, about midway between Pilaes and Nacozari, in charge of Dr. Dewitt, manager and principal owner, is employing 30 men, and is now extracting a large tonnage of high grade copper-silver ore which is being shipped to the El Paso smelter.

**Road Will Start Soon.**  
All the mines south of Nogales are anxiously awaiting the building of the Southern Pacific railroad, which is already graded from Nogales to Mocituma, passing through Cuppas, which will complete the gap between there and Tonichi, the present terminus of the Yaqui river branch. When that is accomplished, there will be hundreds of rich mines in full operation, as the road will pass through the richest part of Sonora.

The Tigre is doing an immense amount of work in hauling in lots of machinery and laborers to that camp, and the North Tigre company is doing a lot of business, as is also the Cinco de Mayo.

**RICH IN GOLD ORE  
ARE ARIZONA MINES**

Tomlinson Says Mohave and  
Yavapai Counties Are  
Great Gold Regions.

The whole of Arizona is looking up in mining, and the counties of Mohave and Yavapai are rapidly becoming the greatest gold regions of the west, said J. B. Tomlinson, who has been in El Paso for a couple of days. Mr. Tomlinson and governor Stone of Arizona are the owners of the Venecia Gold mines, situated 16 miles south of Prescott, in Cook canyon, Yavapai county, which they have owned for 12 years, doing development work meanwhile, hampered somewhat by the fact that capital had been shy of the gold mines of Arizona.

About a year ago, said Mr. Tomlinson, we organized a company of Pittsburgh people and raised the capital necessary to prosecute operations on a good scale, and have just installed a 20-stamp mill and concentrator with a capacity of 50 tons per day, employing 100 men, which are now in successful operation.

In the main work shaft, which is 10 feet deep and in the drift in the 100 level we are mining ten and a half feet of ore containing 16 gold per ton. In the drift and shaft we have 42 inches of ore running four ounces gold per ton, and have mined six feet wide and have not reached any walls as yet. In the group of claims we have five developed mines and are mining ore from every claim. One of these, called the Mineral Spring, we have leased out on a royalty basis to some lessees, who with only two men have mined 180 tons of ore running 27 in gold per ton, which they will mill in our mill. The Venecia shaft is equipped with a hoist and boiler.

Six miles from the Venecia camp is the famous Blue Bell mine in the Mayer mining district, and only a few miles from the Humboldt smelter, near Prescott, which is treating 450 tons of ore a day. This mine is making a marvelous record and is shipping 25 cars of copper ore a day to this smelter.

T. H. Jenks, a mining engineer, well acquainted in various parts of Mexico, Arizona and New Mexico, where he formerly resided, is now in Denver, associated with W. T. Dumbleton.

**ORANGE PICKING IS ON  
IN SALT RIVER VALLEY**  
Phoenix, Ariz., Nov. 19.—Orange picking has commenced in the Salt River valley and much of the fruit is being hauled in here.

Thirty acres of land on the outskirts of the city have been taken in as part of the city, the owners contributing one block to the city for park purposes.

**SAID SHE WOULD GO.**

"Fined \$50 and 24 hours to leave town," is the entry on the police court blotter after the name of Bessie Campbell, a negro arraigned Friday afternoon on a charge of vagrancy. She promised to leave for Abilene, Texas, Saturday evening. Bessie Smith, another negro charged with vagrancy, was fined \$10.

Suggestive Questions On Sunday School  
Lesson By Rev. Dr. Linscott For the Inter-  
national Newspaper Bible Study Club

(Copyright 1910, by Rev. T. S. Linscott, D. D.)

Lesson for Nov. 27, 1910.

The Trial of Jesus. Matt. xxv:17-68. Golden Text.—Who when He was reviled, reviled not again. Peter 1:22. Verse 17.—Had the chief priests determined in advance to put Jesus to death, and if so, why? (See v. 14.) Verse 18.—If Peter had kept close to his Master, instead of going afar off, and had volunteered to witness for Him, what changes would it have probably made in this history?

Verses 19-24.—How do you account for the fact that 70 reviled holy men, the members of the Sanhedrin, should seek false witnesses to encompass the death of a righteous man like Jesus? What has been the record, from that time until now, of ecclesiastical assemblies in their trial of reputed heretics? Give a reasoned answer to the following: Will a truly good man with the mind of Jesus, be perturbed by, or get angry at, or wish to injure another good man who also shows the spirit of Jesus, for teaching different views concerning the Bible, or religion, or what he holds himself?

Verses 25-28.—What did Jesus say, that in any way resembled their accusation that He was able to destroy the Jewish temple and build it again in three days? (See John 1:18.)

Suppose Jesus, or any other man, had said that he could destroy the temple and build it again in three days, to what extent would it be blameworthy? How much blame is due the man who willfully misrepresents the statements of a religious teacher for the purpose of condemning him?

Give some examples of the sayings of Jesus that could be perverted into a meaning that He did not intend, and say why He left Himself open for such perversion?

Verses 62-64.—Why did Jesus not answer what this witness had said and why did He make no answer to the high priest?

Can you give any examples where

## Treating Wheat For Smut

By J. H. Squires, Agronomist New Mexico A. &amp; M. College

At threshing time this summer a great deal of the wheat in certain parts of the territory was noticed to be affected by smut, which caused a considerable amount of financial loss to the farmers. Much of this might have been avoided, and may in the future be prevented, by treating the seed before planting, as the disease is caused by spores carried over from year to year on the seed.

There are two distinct kinds of smut that affect the crop: loose smut, and stinking smut. It is the latter that is giving the trouble, and it might be well to add that it is this one that is so easily treated. The treatments advised are many, but two methods have been found most satisfactory from the standpoint of economy, ease of treatment and effect.

**Formalin Treatment.**  
This is perhaps the easiest of all the treatments, and repeated experiments have proved its efficiency. Sixteen ounces of 40 percent formalin is used in 40 gallons of water and the grain is allowed to soak in the solution for about 30 minutes. The grain is then removed and allowed to dry thoroughly. Care must be taken to insure thorough drying to prevent mold. A good way to manage the soaking is to place the grain in coarse sacks of 30 or 40 pounds, and immerse in the solution. Many, however, prefer the sprinkling method, which consists of making up the solution in the same strength, and sprinkling it over the seed, which have

THINK SHAW IS MAN  
LONG WANTED HERE

L. H. Shaw, who is detained at the police station as a suspicious character, is alleged by the detectives to be the man who, under the name of M. H. Herr, obtained \$15 from F. M. Johnson in El Paso in 1909. The police are endeavoring to locate Johnson, who worked for the G. H.

Walter Day appeared at the police station Friday and alleged that Shaw had been dependent upon him for money. Shaw, when arrested, claimed to be a 32nd degree Mason, with membership in Paducah, Ky. A telegram received from Paducah denounces Shaw. The message states he is not a member and should be arrested. Detective Stammel began searching for Shaw 18 months ago.

CAPT. HUGHES AT YSLETA;  
RANGERS TO FOLLOW SOON.

Ysleta, Texas, Nov. 19.—Capt. Hughes has moved here from Amarillo. His company of rangers will arrive soon. Capt. Hughes had intended to move here in October, but owing to strenuous times in other parts of the state he was delayed.

TWO BOYS GET TEN  
YEARS FOR HOLD UP

Phoenix, Ariz., Nov. 19.—Ernest and Oscar Woodson, two boys charged with holding up an S. P. train near Maricopa last year May, were sentenced to serve 10 years in the federal penitentiary at Ft. Leavenworth, Kas., after entering pleas of guilty.

EAST ST. LOUIS HAS  
FIRE, VERY DAMAGING.

East St. Louis, Ill., Nov. 19.—Fire which broke out at 12:10 o'clock this morning destroyed the business section of Edgemoor, a suburb of East St. Louis, and then spread toward the residential portion.

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Eczema is a disease of the blood and affects all parts of the  
body—the face, hair, ears, nose, throat, chest, arms, legs,  
etc. SYMPTOMS—Yellowish or scaly eruptions; the patches may be  
small and the itching is so great the person will scratch the top of his  
head and back and neck. There is a burning of the skin. In some  
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